



**WARNING**

- The notebook must be turned off and disconnected from its power source. Failure to disconnect the power from the notebook may result in personal injury.
- Remove all loose articles of clothing and jewelry before touching components inside the notebook.
- The case may contain sharp edges. Use caution.
- Ground yourself by touching the metal ports on the back of the notebook. If you are not properly grounded, you could generate static electricity that may cause a component to fail.
- Make sure your hands are dry before performing this task.

*Tools Required:*  
Phillips Head Screwdriver

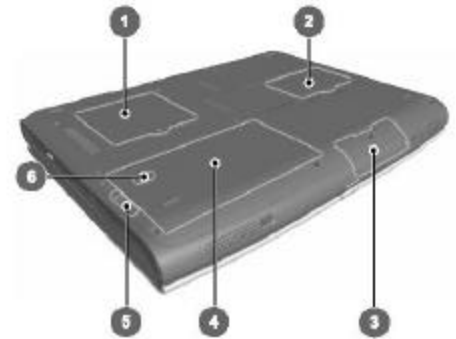


**HINT:** Make sure your notebook is completely turned off by going to the Start -> Turn Off Computer menus prior to getting started.

Disconnect the power cord from the outlet and then from the back of the notebook. Disconnect all devices connected to the back of the notebook (e.g. any external devices, phone line, mouse, or monitor if applicable). Make sure the display is closed, and place the notebook upside down on a stable work surface.

**Locate The Component To Be Replaced - Refer to Figure 1**

On the bottom of the notebook locate the Battery Pack and the Hard Disk Drive Compartments.



1	mini-PCI	4	battery
2	memory	5	battery release
3	hard drive	6	battery lock

Figure 1

**NOTE:** To prevent damage to the notebook, remove the battery pack before replacing any components. There is danger of an explosion if the battery is installed incorrectly. Follow Steps 1 and 2 below to remove the battery pack.

**Remove The Battery Pack - Refer to Figure 2**

**Step 1:** To remove an existing battery pack, slide the battery lock to the unlock position (1).

**Step 2:** Slide and release the battery release latch (2) the battery will pop up.

**Step 3:** Grasp the raised edge of the battery and lift it out of the battery compartment.(3)

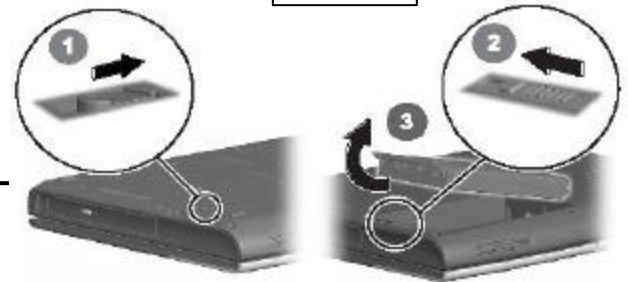


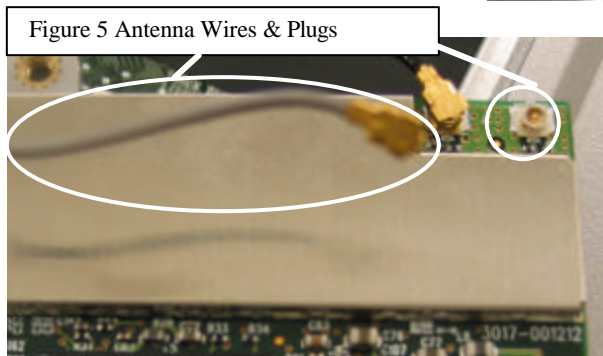
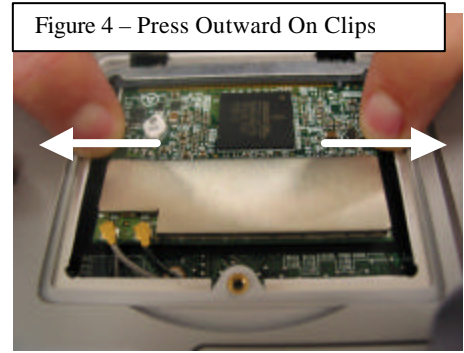
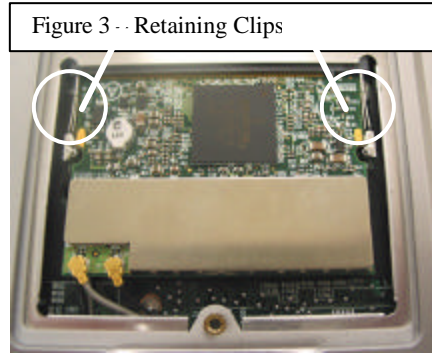
Figure 2

**Remove The Existing Wireless LAN Card – Refer to Figures 3, 4, 5 and 6**

**Step 1:** Locate and remove the Wireless LAN Card compartment cover and screw. This is the cover closest to the edge of the notebook, as shown in Figure 2 below

**Step 2:** To remove the existing Wireless LAN Card, gently press outward on the retaining clips (see Figures 4 & 5 below) on both sides of the card at the same time, until card is released and tilts upward. Then carefully pull the card out of the slot.

**Step 3:** At the edge of the card there are 2 antenna wires. Carefully remove the antenna wires from the card. **DO NOT pull the wires themselves.** Grip the small gold plug on the card where the wire attaches & carefully pull straight up using a slight twisting motion. Remove both antenna wires carefully. Refer to Figure 5 below.



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## Install Your New Wireless LAN Card

**Step 1:** To install a new Wireless Card, first attach the antenna wires to the card. There are 2 antenna wires, 1 black and 1 gray. The gray antenna wire connects to the plug closest to the corner of the card. It may be easier to attach the black antenna wire first. Carefully press the black wire connector straight down onto the plug that is furthest from the corner of the card. A very slight twisting motion may be necessary to properly attach the antenna. Next attach the gray wire to the plug closest to the corner of the card. Again, if necessary, carefully connect it with a slight twisting motion.

**Step 2:** Once each antenna is securely connected to the card, install the new Wireless Card by inserting the gold connectors on the edge of the card into the open slot at a 45-degree angle.

**NOTE:** The Wireless Card is keyed so that it can be inserted in only one direction. If the card does not slide in easily, verify that the notch on the card lines up with the tab in the slot.

**Step 3:** Gently press down on the Wireless Card until the retaining clips click into place. If it does not snap into place the card may not be seated properly. Carefully remove the card and re-insert it again.

**Step 4:** After the card is completely installed, make sure the antenna wire connectors are pointing away from the card (at right angles). Carefully tuck the antenna wires under the edge of the chassis. Replace the Wireless Card cover and secure it with the original screw.

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## Replace The Battery Pack

**NOTE:** The battery pack is keyed so that it can be inserted in only one direction. If the battery does not slide in easily, verify that the connector end of the battery lines up with the connector in the battery compartment.

Slide the connector end of the battery into position and then press down on the other end of the battery until it clicks into place. Slide the Battery Lock into the Lock position

*If you need assistance with the installation of this part please call our technical support team at 801-401-1419 and follow the menu.*